

Title (en)

EXPANDABLE STYRENE POLYMERS WITH HIGH HEAT-FORMING RESISTANCE.

Title (de)

EXPANDIERBARE STYROLPOLYMERISATE MIT HOHER WÄRMEFORMBESTÄNDIGKEIT.

Title (fr)

POLYMERISATS DE STYRENE EXPANSIBLES, A HAUTE RESISTANCE A LA DEFORMATION A CHAUD.

Publication

EP 0642546 A1 19950315 (DE)

Application

EP 93910002 A 19930517

Priority

- DE 4217383 A 19920526
- EP 9301222 W 19930517

Abstract (en)

[origin: WO9324561A1] Expandable styrene polymers containing a) 0 to 90 % wt. of a styrene polymer different from b) or a styrene copolymer with at least 50 % wt. monopolymerised styrene, b) 10 to 100 % wt. of a styrene/methacrylamide copolymer consisting to the extent of 0.5 to 50 % wt. of at least one monopolymerised N-substituted methacrylamide of general formula (I) in which R¹ and R² are the same or different and are hydrogen, C1? to C15? alkyl, C6? to C16? cycloalkyl or C6? to C20? aryl, and in the case of constituents R¹ and R² with at least 2 carbon atoms, at least 2 carbon atoms may be cross-linked via hetero atoms, and c) 1 to 15 % wt., related to the sum of a) and b), or an aliphatic C3? to C9? hydrocarbon and/or carbon dioxide as the foaming agent.

IPC 1-7

C08J 9/16; **C08F 257/02**

IPC 8 full level

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CPC (source: EP KR US)

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